

CLASSIFICATION: Air Resources Engineer	Time Base: Full Time	SALARY: \$4,608.00 - \$8,379.00	FFD: January 26, 2011
LOCATION: EL Monte		DIVISION: MSCD Unit 665	
CONTACT: John Karim		E-MAIL: jkarim@arb.ca.gov	PHONE: (626) 459-4303
MAILING ADDRESS: Mobile Source Control Division 9480 Telstar Avenue Suite 4, El Monte, CA 91731			
DUTIES: <p>Due to the governor's Hiring Freeze Order, only internal Air Resources Board lateral candidates will be considered.</p> <p>The In-Use Retrofit Section (IURS) in the Heavy-Duty Diesel In-Use Strategies Branch (HDDIUS) is responsible for supporting the implementation of the newly approved in-use off-road diesel vehicle regulation. This far reaching regulation significantly reduce emissions from nearly 180,000 diesel vehicles operating in the state. The responsibilities of the IURS include coordination and participation in the In-Use Off-Road Diesel Vehicle Showcase, as well as overall coordination of other off-road vehicle demonstration projects. IURS also participate in studies evaluating the measurement of in-use emissions from off-road diesel vehicles, as well as assisting in the coordination of outreach, stakeholder training and education, and development of reporting and compliance planning tools for off-road vehicles throughout the state. IURS will also be involved in providing assistance on exposure and health risk assessments from off-road diesel vehicles; evaluating potential control technologies and strategies; developing emission estimates; assisting in the implementation of the Diesel PM Risk Reduction Plan; reviewing district approved incentive programs to reduce emissions from off-road diesel vehicles; coordinating research activities; providing general support on air pollution related issues; and evaluating the impacts of federal regulations and programs on State and Local programs.</p>			
DESIRABLE QUALIFICATIONS: <p>The successful candidate will also be enthusiastic and demonstrate initiative, and have the ability to conduct investigations, inspections, and studies on multiple vehicle exhaust aftertreatment devices. Prepare surveys and reports. Interpret and analyze in-use operational data collected as part of demonstration projects conducted within the section, including the use and operation of portable emission measurement systems. This includes the generation of clear and concise technical reports and other regulatory documents, as well as organizing and presenting the results. The successful candidate will also read and understand complex regulatory language and to communicate clearly both verbally and in writing. He or she will have the ability to work as part of a team to develop and implement a complex technical program; the ability to coordinate with industry, local agencies, and the public in the course of all assignments; the ability to develop and present written and oral reports to policy makers; experience in designing analytical studies using computers, and possess knowledge of motor vehicle emission control technology – particularly diesel engine related. Due to the high importance and considerable activity in this area, the applicant should possess a high energy level and be self-motivated. Knowledge of database design and use; experience with Access or MySQL; programming experience in PHP, Visual Basic or other languages; knowledge of HTML and CSS; strong spreadsheet skills; are highly desirable. The position requires occasional travel.</p> <p>Qualified Air Pollution Specialist will also be considered to fill this position and are encouraged to apply. All applicants will be considered; only the most qualified will be interviewed.</p>			